MAGNAVOX

CDC 745 Compact Disc Carousel Changer

0 000000 003021

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION

**TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).**

NO USER-SERVICEABLE PARTS INSIDE.

**REFER SERVICING
TO QUALIFIED SERVICE PERSONNEL.**

This symbol warns the user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any inside part of this unit.

This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.
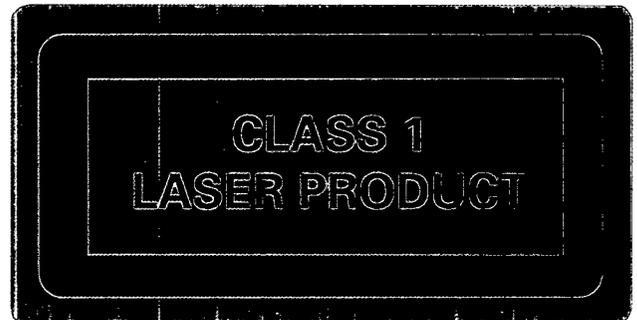
WARNING

To reduce the risk of fire or electric shock, do not expose this apliance to rain or moisture.

English

Français

Español

CLASS 1
LASER PRODUCT

2

ADDENDUM SHEET

(USA) English

B Connecting cable to the amplifier

Page 5
- Insert the red plug (right channel) and the white plug (left channel) into the corresponding sockets of the CD or AUX input of your amplifier. You can also use the TUNER or TAPE IN-connection, but *never* the PHONO input!

Random Play

page 11   All the tracks in one CD can be randomly played.
- Press SHUFFLE on the main unit (or on the remote control).
  - The display shows SHUFFLE and play starts at a randomly chosen disc and track.
- Select the number of the desired CD using DISC SELECT or press DISC on the remote control.
  - The display shows SHUFFLE and DISC and play starts with a track randomly selected of the desired CD.
  - When one track finishes, its number disappears from the display and another track is randomly selected from those which have not yet been played.
- When all tracks of one CD have been played, it will continue to play the next available CD. It will stop after all CDs have been played.
- Press SHUFFLE again if you wish to return to normal play.
- If you press REPEAT, the tracks of one CD will be repeated in a different order each time, although the first track will always be the same.

Programming

page 11   *Notes:* Go to STOP before you start programming.

Dubbing an entire CD or Dubbing a program

page 12   *Notes:*
Before you start the CD-player start the recording function on the cassette deck and allow 7 seconds for the leadertape to pass through the recorder head.
- An extra pause of 4 seconds (AUTOSPACE) will be inserted after each track only when the CD-player is in the EDIT mode.

(F) Français

B Câble de raccordement à l'amplificateur.

page 18
- Insérez les connecteurs rouge (voie droite) et blanc (voie gauche) dans les prises correspondantes d'entrées CD ou AUX de votre amplificateur.
Vous pouvez également utiliser l'entrée TUNER ou TAPE IN (= entrée magnétophone), mais *en aucun cas* l'entrée PHONO!

Lecture aléatoire

page 24   Toutes les plages d'un CD peuvent étre lues dans un ordre quelconque.
- Pressez SHUFFLE sur l'appareil (ou sur la télécommande) avant la lecture.
  - L'afficheur indique SHUFFLE et la lecture commence sur un disque et une plage choisis de façon aléatoire.
- Choisissez le numéro du CD souhaité à l'aide de DISC SELECT ou en pressant DISC sur la télécommande.
  - L'afficheur indique SHUFFLE et DISC et la lecture commence sur une plage choisie de façon aléatoire du disque CD souhaité.
  - Lorsque la plage fini, son numéro disparaît de l'afficheur et une autre plage est choisie de façon aléatoire parmi celles qui n'ont pas été lues.

- Lorsque toutes les plages d'un CD ont été lues, la lecture du disque suivant commencera. Le lecteur s'arrête lorsque tous les CD sont lus.
- Pressez SHUFFLE à nouveau si vous désirez evenir à la lecture normale.
- Si vous pressez REPEAT, les plages d'un CD seront répétées chaque fois dans un ordre différent, même si la première plage est toujours la même.

Programmation

page 24   *Remarques:*
Avant la programmation, mettez l'appareil en mode d'arrêt STOP.

Copie d'un CD en entier ou d'un programme

page 25-   *Remarques:*
26   Avant de démarrer le lecture CD, engagez la fonction d'enregistrement sur la platine-cassette, et laissez écouler 7 secondes pour que la bande amorce passe à travers la tête d'enregistrement.
- Lorsque le lecteur CD est un mode EDIT, une pause supplémentaire de 4 secondes (AUTOSPACE) sera ajoutée après chaque plage.

(E) Español

B Conexión del cable al amplificador

página 31
- Introduzca la clavija roja (canal derecho) y la clavija blanca (canal izquierdo) en los conectores correspondientes CD o AUX dei amplificador.
También puede Vd. usar los enchufes TUNER o TAPE IN, pero *en ningún caso* la entrada PHONO!

Reproducción aleatoria

página 37   Las piezas de un CD pueden ser reproducidas de manera aleatoria.
- Oprima SHUFFLE en el aparato (o en el control remoto) antes o durant la reproducción.
  - La pantalla muestra SHUFFLE y da comienzo la reproducción del disco y pista seleccionados en un orden aleatorio.
- Seleccione el número del CD deseado con DISC SELECT u oprimendo DISC en el control remoto.
  - La pantalla muestra SHUFFLE and DISC y da comienzo la reproducción de la pista del disco que se desee seleccionada en un orden aleatorio.
  - Cuando se acaba la pieza otra pista es seleccionada en forma aleatoria, etre las que no han sido reproducidas.
- Una vez reproducidas todas las pistas de un disco, continuará la reproducción del siguiente disco disponible, y se detendra una vez reproducidos todos los discos.
- Pulse de nuevo SHUFFLE si desea regresar a la reproducción normal.
- Si pulsa REPEAT, las pistas de un disco se repetirán en un orden distinto cada vez, aunque la primera será siempre la misma.

Programmación

página 37   *Observaciones:* Pulse la tecla de parada antes de iniciar la programación.

Copia de CD entero o copia de programa

página 38/   *Observaciones:*
39   Antes de poner en marcha el reproductor de CD active la función de grabación en la platina de casete, y espere 7 segundos hasta que la cabecera de cinta pase por la cabeza de grabación.
- Después de cada pista se insertará una pausa de 4 segundos (espaciamiento automático), sólo cuando el reproductor de CD se encuentre en el modo de edición.

1

Return your owner's registration card within 10 days

U.S. MAIL

LIPS

Registering your purchase is an essential step to guarantee that you'll receive all of the benefits you're entitled to as a Magnavox product owner.

Complete and mail your Owner's Registration Card today to ensure your right to warranty verification, owner confimation, model registration, plus a wide variety of special services and savings.

2

Know these safety symbols

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This bolt of lightning indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

This exclamation point calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

3

Read operating instructions carefully

INSTRUCTIONS

The information in this manual can help you take full advantage of your product's many features, and ensure years of safe, reliable operation. So don't miss out. Read the enclosed instructions, safety tips and warranty information today.

MAGNAVOX

Congratulations on your new purchase ... and welcome to the Magnavox family!

Dear Magnavox family member:

Thank you for your confidence in Magnavox. You've selected one of the best-built, best-backed products available today.

We appreciate your support, and we'll do everything we can do to keep you happy with your purchase for many years to come. After all, you're the reason we're in business!

As a Magnavox family member, you're entitled to a world of special privileges - and our uncompromising commitment to your total satisfaction. Your Magnavox product is protected by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase qualifies you to receive advance information on exciting new products from Magnavox, convenient access to our home shopping network for special products and accessories, plus factory-direct rebates and discounts on your future Magnavox purchases.

All of this is our way of saying 'thanks' for joining the Magnavox family.
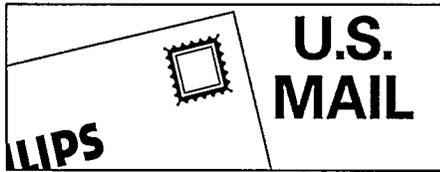
To start taking advantage of these great benefits, just remember to return your Magnavox Owner's Registration Card.

Simply complete, detach and mail us your Owner's Registration Card today. And enjoy your new purchase with our best wishes!

Sincerely,

Donald F. Johnstone
President and Chief Executive Officer

For Customer Use:
Enter below the Serial No. which is located on the type plate on the base of the cabinet. Retain this information for future reference.

Model No.   **CDC 745**

Serial No.

English

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure.

The set complies with the FCC-Rules, Part 15 and with 21 CFR 1040.10.

ⓒⓓⓝ Canada

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communucations.

SAFETY INSTRUCTIONS – Read before operating equipment

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating and use instructions should be followed.
5. **Water and Moisture** - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.
6. **Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
6A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
7. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. **Heat** - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. **Power Sources** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. **Grounding or Polarization** - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated. **Caution:** To prevent electric shock, match the wide blade of this plug to the wide slot, fully insert. Do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

    AC Polarized Plug

12. **Power-Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
13. **Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
14. **Power Lines** - An outdoor antenna should be located away from power lines.
15. **Nonuse Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
16. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
17. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
    A. The power-supply cord or the plug has been damaged; or
    B. Objects have fallen, or liquid has spilled into the appliance; or
    C. The appliance has been exposed to rain; or
    D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
    E. The appliance has been dropped, or the enclosure damaged.
18. **Servicing** - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

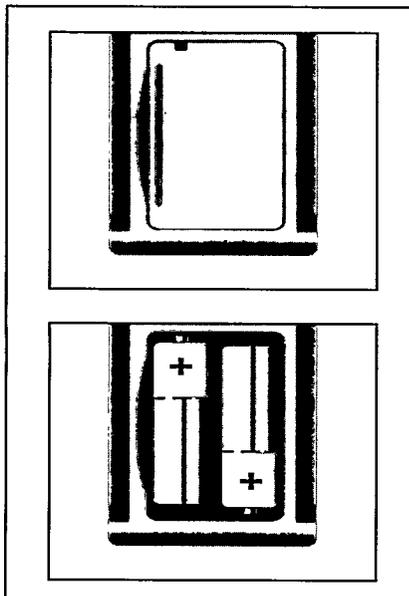92/11   EL 4562-1

4

English
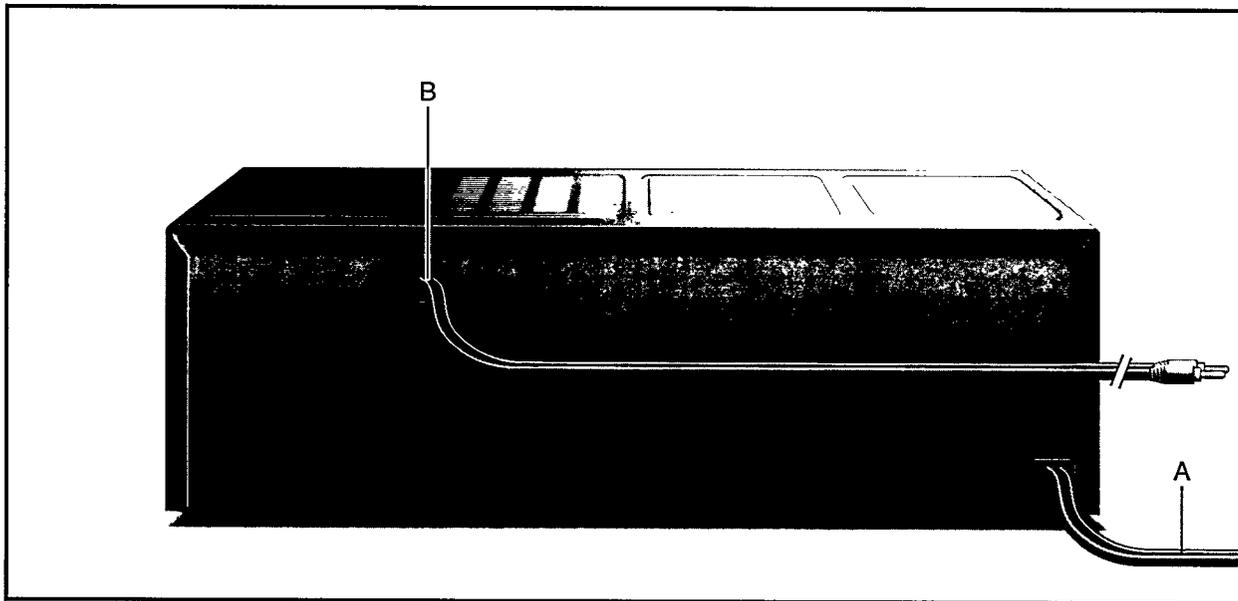
ACCESSORIES (Supplied)

Standard items:
- Remote control transmitter (1x)
- Batteries (2x AAA size) for remote control transmitter

INSTALLATION

- Unpack all parts and remove protective material.
- Insert the batteries into the remote control transmitter, as shown in the battery compartment.

- Do not connect the unit to the mains before checking the mains voltage and before all other connections have been made. Power cord. **Do not** connect the unit to the power without having checked whether the voltage given on the type plate corresponds with the local AC outlet voltage. If not, please consult your dealer. The type plate is located on the rear of the unit.
- Always remove the CDs from the tray before moving the unit.

CONNECTIONS

A) MAINS CONNECTION
- Connect the mains lead to your main supply.

B) CONNECTING CABLE TO THE AMPLIFIER
- Insert a red plug into the 'R' socket and the other plug into the 'L' socket.
- Insert the two other plugs into the corresponding sockets of the CD or AUX input of your amplifier. You can also use the TUNER or TAPE IN connection, but **not** the PHONO input!

5
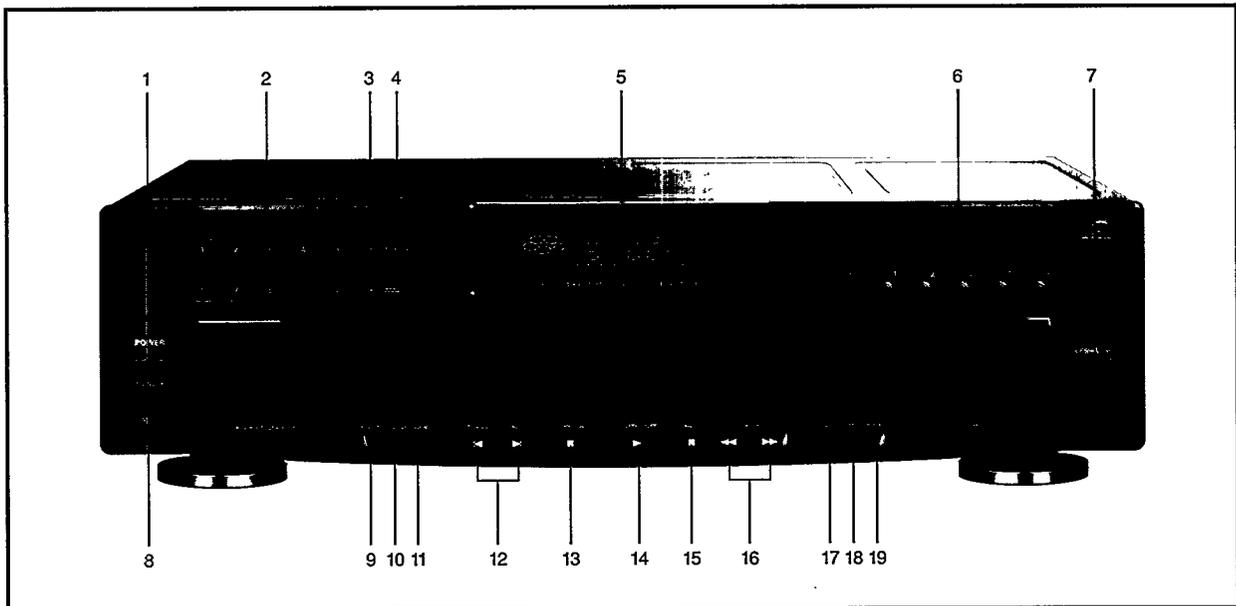
ON THE UNIT

1 POWER STANDBY/OFF
To switch the unit on and off .

2 0-9 DIGIT BUTTONS
- for selecting another track during playback.
- for selecting a track to start playback with.
- for selecting tracks when compiling a program.
- for selecting the recording time when making a tape recording (EDIT).
- for selecting the playing time in the TIMER EDIT mode

3 PROGRAM – To activate the program function when compiling a program.

4 CANCEL – To erase/clear a program or part of a program.

5 Display
To indicate the function currently being performed.

6 DISC SELECT
- for selecting another CD during playback.
- for selecting a CD to start playback with.
- for selecting CDs when compiling a program.

7 OPEN•CLOSE
To open or close the CD tray.

8 I(nfra) R(ed) SENSOR
To receive signals from the remote control

9 REVIEW:
To review the program.

10 SHUFFLE
To play all tracks of the CDs in a random order.

11 SCAN
To start "Introductory Play" of the CDs.

12 ◁ PREVIOUS NEXT ▷ :
- To select another track during playback
- To start playback of a particular track

- To select the recording time when doing a tape recording (EDIT)
- To select the playing time in the TIMER EDIT mode

13 STOP•CLEAR
To stop playback or cancelling of a program.

14 PLAY•REPLAY
To start playback or to return to the beginning of a track.

15 PAUSE
To interrupt playback.

16 ◁◁ SEARCH ▷▷
To search for a particular passage during playback.

17 EDIT
To enter the recording time when making a tape recording or to enter the playing time in the TIMER EDIT mode.

18 TIME
To change the playing time information when playback.

19 REPEAT
To repeat playback.

20 QUICK PLAY
To start immediate playback of a particular CD.

21 LOAD
Rotating the tray in the CD tray when inserting CDs.

OPERATION
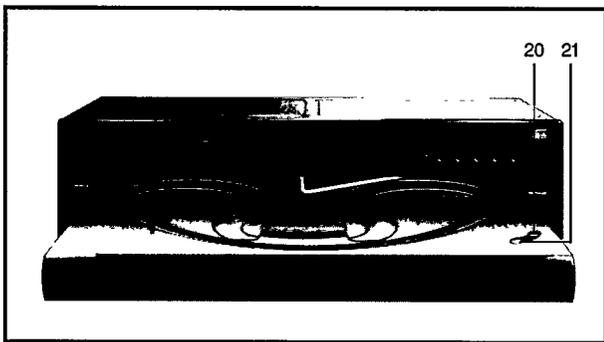
ON THE REMOTE CONTROL

– The life of the batteries of the remote control is around one year,. For replacement only use batteries of the type R03, UM4 or AAA.

1 OPEN•CLOSE
To open or close the CD tray.

2 PAUSE
To interrupt playback

3 PLAY
To start playback

4 NEXT
– To select the next track.
– To select another track during playback
– To start playback of a particular track
– To select the recording time when doing a tape recording (EDIT)
– To select the playing time in the TIMER EDIT mode

5 SHUFFLE
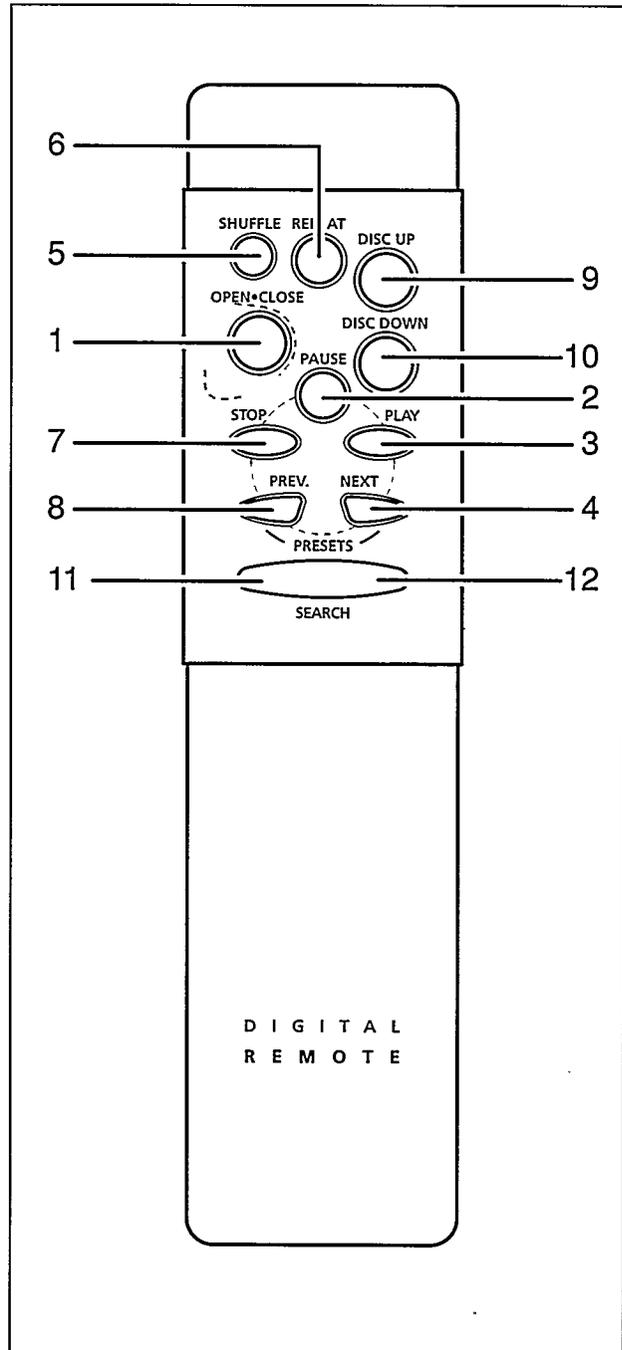To play all tracks of the CDs in a random order.

6 REPEAT
To repeat playback.

7 STOP
To stop playback.

8 PREV
– To select a previous track.
– To select another track during playback.
– To start playback of a particular track.
– To select the recording time when doing a tape recording (EDIT).
– To select the playing time in the TIMER EDIT mode.

9 DISC UP
To select disc in the next tray.

10 DISC DOWN
To select disc in the previous tray.

11 SEARCH BACKWARD
To search backward for a particular passage during playback.

12 SEARCH FORWARD
To search forward for a particular passage during playback.

7

PLAYBACK

COMPACT DISCS (CD)

Use compact discs bearing the symbol below. In addition to the conventional 12 cm CDs, 8 cm CDs can be used without an adaptor.

COMPACT
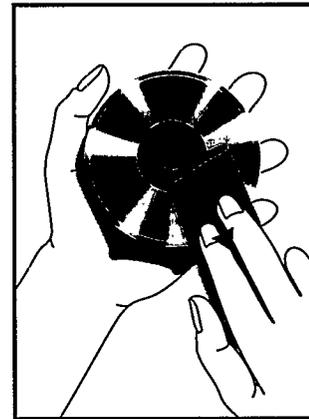**disc**
DIGITAL AUDIO

Bear in mind the following points, since any dirt, scratches or warping of the disc can cause broken or intermittent sound and also noise.

- To remove the disc from its case lift it out by holding the disc's centre with your forefinger and the outside of the disc with your thumb.
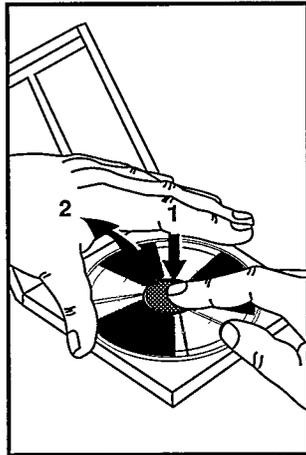
- When holding the discs, take care not to touch the playing surface.
- Store the discs in their cases. Return them to their cases with the label surface facing up and push down lightly on the label surface.
- Do not place discs in the following locations:
  - near a heating device or a place where the temperature is high;
  - on a seat or on the dashboard of a vehicle which is exposed to direct sunlight, since these areas can become very hot;
  - in damp or dusty areas.
- Do not write on the label surface using a ballpoint pen or hard pencil and do not stick labels on this surface.
- Wipe away any fingerprints or dust on the playing surface of a disc using a soft cloth. Bear in mind the following points:

- always wipe from the inside toward the outside of the disc;

- do not use conventional record cleaners, anti-static agents, benzene, thinner or other solvents.

FUNCTIONS AND OPERATION

DISPLAY

SHUFFLE
- Lights up when the tracks are played in a random order.

(((O

- Lights up when the changer receives a command from the remote control.

PROGRAM
Flashes when a programme is being complied.
Lights up when a programme is being played.
REPEAT DISC
Lights up when you repeat a CD
REPEAT
Lights up when repeating all the CDs or a programme from them
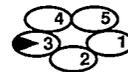
- Flashes when switching the changer on.
- Indicates the numbers of the CDs in the CD tray.
- Indicates which CD is currently being played.
TRACK
Indicates:
- which track is being played;
- the number of tracks on a CD or in a program.
TRACK TIME
- Indicates the elapsed playing time of the track being played.

PLAYBACK

REM(aining) TRACK TIME
Indicates the remaining playing time of the track being played.
TOTAL REM(aining) TIME
– Indicates the remaining playing time of the entire CD
TOTAL TIME
– Indicates the total playing time of a CD.
AUTOSPACE
– Lights up when an extra pause is inserted between the different tracks in the EDIT and CD DUBBING mode.
PAUSE
– Lights up when playback is interrupted.

[**EDIT**]
– Lights up when the player is in EDIT mode

[**TIMER EDIT**]
– Lights up when the changer is in TIMER EDIT mode

1-15 tracks number indicator
– Indicates the numbers of tracks on a CD.
+15
– Lights up when there are more than 15 tracks on the CD.
NO DISC
– Lights up when there are no CDs in the CD tray.
Err
– Lights up when you make a mistake while operating the changer.

– Flashes when a CD's contents list is being scanned.

INSERTING THE DISCS

- Press POWER STANDBY/OFF to switch the changer on.
  – The changer will start to scan the CD to check how many CDs there are in the CD tray. The tray will rotate slowly until all the pockets in the CD tray have been checked.
  – After CD detection the display will show the number of CDs in the CD tray (X disc).
- Press OPEN•CLOSE on the changer to open the CD tray.
  – "OPEN" will appear on the display.
- Insert the CDs, **printed side up** in the tray.
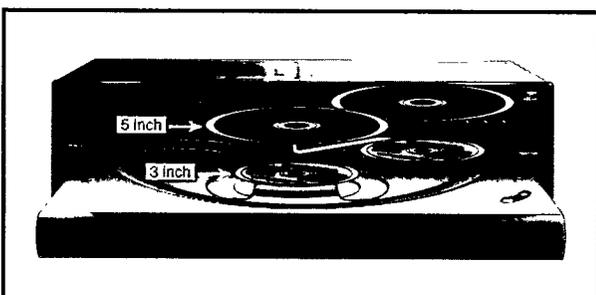
- Press the LOAD button to rotate the pocket in the CD tray.
- Close the tray by pressing OPEN•CLOSE
  – "CLOSE" will appear on the display.
  – The changer will start to scan the CD to check how many CDs there are in the CD tray. The tray will rotate slowly until all the pockets in the CD tray have been checked.
  – After CD detection the display will show the number of CDs in the CD tray (X disc).

Notes:
- Use the PREFERRED POSITION in the CD tray if you wish to play only one CD. Playback will start from the first track of the disc in the preferred position by pressing the QUICK PLAY button..
- During the scanning of the CD, it is advisable not to press any buttons as the CD will stop scanning immediately and the display will give an incorrect indication of the numbers of CDs in the CD tray.

PLAYBACK (PLAY•REPLAY)

- Press PLAY•REPLAY on the unit or PLAY on the remote control.
  – – – – – – – – flashes and playback of DISC 1 will begin.

- will start to flash in the display indicating the disc that is being played ( ). Shortly afterwards the first track of the chosen disc will start to play. The disc position indicator (if DISC 1 is chosen, flashes) and the track number indicator (1-15) shows how many tracks are on the CD, when a track has been played, its number disappears.
  – flashes to indicate the playback of DISC 1, and the display shows the current track number and its elapsed playing time. The track being played is always shown under TRACK, and its elapsed playing time is shown under TRACK TIME.
  – When all the tracks have been played, the CD player stops, and the total number of tracks and total playing time of the last CD played are shown on the display.
- To stop playback, press STOP•CLEAR ☐ on the unit or STOP on the remote control.
- To interrupt playback, press PAUSE ▌▌ on the unit or PAUSE on the remote control. PAUSE lights up.
- To resume playback, press PLAY•REPLAY on the unit again or PLAY on the remote control.
- If you press PLAY•REPLAY during playback, the current track will start again from the beginning.
- Press POWER STANDBY/OFF to switch the player off.

PLAYBACK

Notes:
- Playback will continue from the first track of "⊕①" to the last track of "⊕⑤".
  When all the tracks have been played, the CD player stops with "⊕⑤".
- To change the CDs during PLAYBACK, press OPEN•CLOSE.
  - The CD tray open and the three CDs outside can be changed without interrupting playback.

Interrupting play
- Press PAUSE.
  - The display shows PAUSE.
- Press PLAY•REPLAY if you want to resume playback.
  - PAUSE goes out.

Stopping play
- Press STOP•CLEAR if you wish to stop play. The disc and track number which can be played will now appear in the display.
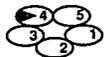- Press OPEN•CLOSE to remove the CDs.

Changing the playing time information
- Press TIME on the unit if you want to see the remaining playing time of the track being played (REM(aining) TRACK TIME).
- Press TIME again if you want to know the remaining playing time of the entire CD (TOTAL REM(aining) TIME).
- Press TIME once more if you want to return to the elapsed playing time of the current track (TRACK TIME).

Note:
This does not apply for CD with more than 29 tracks title.

Selecting a different disc during play (DISC SELECT)
- Key in the desired CD number on the unit or press DISC on the remote control.
  - The player will stop playing and ⊕④⊕⑤⊕③⊕②⊕ will start to flash indicating the order of discs are being switched to the number selected.
  - The disc position indicator (if DISC 1 is chosen, ⊕① flashes) will appear in the CD display. Shortly afterwards the first track of the chosen disc will start to play.

Notes:
- If you select a non-existent number, Err will lights up.

Selecting a different track during play (0-9)
- Key in the desired track number (on the current CD); two digits number must be keyed in within 2 seconds otherwise the CD player will start playback with the first number keyed in.
  - Shortly after this, the chosen track will start playing.

You can also select the required number by pressing |◁ PREVIOUS NEXT ▷| until the required track number appears in the display.

Searching for a passage during play
- Hold ◁◁ SEARCH ▷▷ pressed down to search for the required passage. If you release the button, play will continue.

Note:
The searching speed is determined by the length of time the key is pressed:
- the first 2 seconds fairly slowly, with low level of volume.
- then at the maximum speed, with no sound output.

The volume will automatically return to its normal level when the search button is released.

Repeating A CD
- During play, press REPEAT. The REPEAT DISC indicator lights up.
  - The current CD is played and then repeated.
- Press REPEAT twice, to stop the repeat function.

Repeating ALL CDs
- Press REPEAT twice before or during playback. REPEAT will appear on the display.
  - All 5 discs are played and then repeated.
- Press REPEAT again, to stop the repeat function.
  - The REPEAT indicator light goes out.
  - Play continues as normal.

Introductory Play
The Introductory play function can be used in both STOP and PLAY modes by pressing the SCAN button. The SCAN function causes the first 10 seconds of every track on all CDs to be played (If CD is already in PLAY mode, only the first 10 seconds of the remaining tracks are played). After playing the opening seconds of a track, the CD player jumps to the beginning of the next track. The corresponding track number appears in the display.
- Press SCAN on the unit or on the remote control.
  - If the CD tray is open, it will close and the introductory play will begin.
  - SCAN lights up and the first 10 seconds of each track on the discs will be played. (The seconds are counted down under REM(aining) TRACK TIME.

PROGRAMMING

- Press SCAN again or PLAY•REPLAY if you want to play the complete track.

Random Play
All the tracks of the five CDs can be randomly played.
- Press SHUFFLE on the main unit (or on the remote control) before or during play.
  - The display shows SHUFFLE and play starts with a track which has been randomly selected.
  - When one track finishes, another track is randomly selected from those which have not yet been played.
  - During play you can use NEXT ▷▷ to select another random track, or ◁◁ PREVIOUS to play the same track again.
- Press SHUFFLE again if you wish to return to normal play.

All the tracks in one CD can be randomly played.
- Select the number of the desired CD using DISC SELECT or press DISC on the remote control.
- Press SHUFFLE on the main unit (or on the remote control) before play.
  - The display shows SHUFFLE and DISC; playback starts with a track which has been randomly selected.
  - When one track finishes, its number disappears from the display and another track is randomly selected from those which have not yet been played.
- Press SHUFFLE again if you wish to return to normal play.

Programming
By programming the player, you can play up to 30 tracks in any desired order. If you exceed the maximum of 30 tracks, 'FULL' will appear in the display.
- Press PROGRAM to activate the Program mode..
  - PROGRAM flashes and PROGRAM appears on the display, and select the number of the first desired CD using DISC SELECT on the unit or press DISC on the remote control.
- Using the 0-9 digit buttons, key in the desired track numbers of the CD.
  - Every track numbers you enter will be included immediately in the program.
  - The display always shows the track number and the number of tracks in your program.
- If you wish to store tracks from another CD, select the number of the CD.
  - ⬤ flashes indicating the CD being selected.
  - Repeat the above procedure to program the desired tracks in the second CD.

Reviewing the program
- Press REVIEW prior to, during or after programmed play.
  - The review of the tracks currently programmed will begin in sequence.

Err will light up if there is no program stored. With REVIEW you can proceed more rapidly to the next block of information.

Playing a program
- Press PLAY•REPLAY.
  - Playback starts with the first track of the program.
  - When all tracks have been played, the display shows the number of tracks of the program.

During programmed play, the EDIT, PROGRAM and CANCEL functions will not worked.
Search for a particular passage is only possible within the track being played.

Erasing a program
A program is erased if you:
- Press STOP•CLEAR twice.
  or
- Press OPEN•CLOSE on the unit.
  or
- Switch the unit off.

Erasing a track from the program
- Press REVIEW before or after programmed play at STOP mode.
  - The review of the tracks currently programmed will begin in sequence.
- Press CANCEL as soon as the number you wish to erase appears.
  - The number has now been erased.

Err will light up if there is no program stored and if you have not pressed REVIEW first before cancelling.

EDIT
The EDIT function has a recording mode (EDIT) and a play mode (TIMER EDIT).
- In the EDIT mode you can store the recording time of the tape in the changer memory. This will determine which tracks fit on one side of the tape and will stop automatically after the last track.
- In the TIMER EDIT mode, you can store a desired playing time. If necessary, the CD or the program you wish to play will be partly repeated to fill the entered time.

11

OTHER POSSIBILITIES

Notes:
The EDIT function cannot be used for CDs containing more than 29 tracks. Err will light up if a CD contains more than 29 tracks.

Recording in the EDIT mode:
- Press EDIT in the stop mode.
  - ☐ EDIT lights up and $Edit$ appears in the display, followed by $C\ 90$.
- With ◁ PREVIOUS NEXT ▷ you can now select the desired recording time: $C\ 30, C\ 45, C\ 60, C\ 90, C\ 100$ or $C\ 120$.
  To select other recording times, use the 0-9 digit numbers.
  - You can now record an entire CD or a program (from one or more CDs).
    With Edit features, you can designate the recording time of your tape, and then the unit automatically selects tracks from a single disc that can be recorded within the designated recording time.
    The selected tracks are then edit recorded onto one side of a tape at a time (side A and side B).

Dubbing an entire CD
- Select the number of the desired CD using DISC SELECT or press DISC on the remote control.
  - Playback starts immediately with the selected CD.
  - An extra pause of 4 seconds (AUTOSPACE) will be inserted after each track .
  - AUTOSPACE lights up.
  - After the last track that fits on side A of the tape, the CD changer will go into PAUSE mode.
- Turn the tape over or select the tape travel direction for side B.
- Press PLAY·REPLAY.
  - The remaining tracks will now be played.
  - After the last track play will stop.
  - If, after the last track of the CD, there is still enough space available on side B, then the tray will rotate to the next CD in the CD tray to record some more tracks from this CD (this will also happen if the last track has been recorded on side A).
- Press STOP·CLEAR if this is not required.

Dubbing a program
- Compile your program (from one or more CDs) as described in the 'PROGRAMMING' section (the program can also be stored in advance).
- Press PLAY·REPLAY to start playback.
  - An extra pause of 4 seconds (AUTOSPACE) will be inserted after each track.
  - AUTOSPACE lights up.
  - After the last track that fits on side A of the tape, the CD changer will go into PAUSE mode.
- Flip the tape over or select the tape travel direction for side B.
- Press PLAY·REPLAY.
  - The remaining tracks will now be played.
  - Playback will stop after the last track of the program.

Notes:
- The edit function always starts with the first track on the CD.
- To cancel edit during dubbing, press STOP·CLEAR.
- As soon as you press PLAY·REPLAY the other changer functions (except TIMER and REVIEW) will temporarily be switched off to prevent the recording being interfered with; Err lights up if you press one of the other buttons during play/recording.
- You can stop playback/recording by pressing STOP·CLEAR.
- Should the CD or the program be longer than the total recording time of the tape, play will stop after the last track that fits onto side B of the tape.
- Should the first track of the CD or the program be longer than one side of the tape (= the entered recording time divided by two), then Err will light up. You will now have to enter another recording time.

Playback in the TIMER EDIT mode:
- Press EDIT twice in the stop mode.
  - TIMER EDIT lights up and $Edit$ appears in the display, followed by $C\ 90$.
- With ◁ PREVIOUS NEXT ▷ you can now select the desired playing time: $C\ 30, C\ 45, C\ 60, C\ 90, C\ 100$ or $C\ 120$.
  To select other playing times, use the 0-9 digit numbers.
  - You can now play an entire CD or a program (from one or more CDs) or tracks from different CDs in random order:

OTHER POSSIBILITIES

An entire CD
- Select the number of the desired CD using DISC SELECT or press DISC on the remote control..
    - Playback starts immediately with the selected CD.
    - You can also press SHUFFLE immediately after selecting the CD; the tracks will then be played in a random order.
    - If necessary, the CD will be partly repeated to fill the entered time, if there are more CDs in the CD tray, play will continue with the next CD.
    - At the end of the entered playing time, playback will stop.

A program
- Compile your program (from one or more CDs) as described in the 'PROGRAMMING' section (the program can also be stored in advance).
- Press PLAY•REPLAY or SHUFFLE to start playback.
    - If necessary, the program will be partly repeated to fill up the entered time..
    - At the end of the entered playing time, playback will stop.

Tracks from different CDs in random order:
- Press SHUFFLE.
    - During the entered playing time, tracks from different CDs will be played in a random order.
    - At the end of the entered playing time, random playback will stop.

Notes:
- As soon as you press PLAY•REPLAY or SHUFFLE the other changer functions (except TIME and REVIEW) will be temporarily switched off; $\mathcal{E}rr$ lights up if you press one of the other buttons during play.
- You can stop playback by pressing STOP•CLEAR.

English

MAINTENANCE

THE SYSTEM
- A chamois leather slightly moistened with water is sufficient for cleaning the housing of the unit and the enclosures.
- Do not use cleaning agents containing alcohol, spirits, ammonia or abrasives.

THE CD PLAYER
- Keep the CD tray free of dust using a clean cloth.

THE CDs
- Never write on the printed side of a CD.
- Do not attach any stickers to a CD.
- Keep the shiny surface of a CD clean. Use a soft lint-free cloth and always wipe the CD in a straight line from centre to edge.
- Never use cleaning agents for conventional records and grease solvents or abrasives to clean CDs.

FAULTS AND THEIR LIKELY CAUSES
- If a fault occurs, first check the points listed below before sending the unit for repair. If the remedies fail to help, consult your dealer.

Problems with the CD player
- The CD is not inserted properly with the printed side facing up.
- The CD is dirty, badly scratched or warped.
- Because of large temperature differences, condensation has formed on the lens of the laser. This will disappear after some time.

PROBLEMS WITH THE WHOLE SYSTEM
Electrostatic charge may cause unexpected symptoms. See whether these symptoms disappear if you unplug the AC cord and plug it in again after a short period.

CAUTION:
INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

Under no circumstances should you repair the CD changer yourself as this will invalidate the guarantee!

TECHNICAL DATA

Typical Audio Performance

Frequency range:	20 Hz – 20 kHz
Amplitude Linearity:	± 0.5 dB (20 Hz – 20 kHz)
Phase Non–linearity:	± 5° (20 Hz – 20 kHz)
Dynamic range:	86 dB
Signal-to-noise ratio:	Min 84 dB from 20Hz to 20 kHz
Channel separation:	Min 65 dB from 20Hz to 20kHz
Total Harmonic distortion:	0.02%
D/A conversion:	Bitstream conversion (256 x oversampling, 1 bit), in differential mode
Audio output level:	2 V rms

Power supply
Mains voltage and frequency:
See the type plate on the rear of the changer
Power consumption: 9 W approx.
Safety requirements: IEC 65

Cabinet

Material/finish:	metal and polystyrene with decorative trim
Dimensions (w x h x d):	435 x 106 x 380 mm
Weight:	7 kg approx.

Subject to modification

LIMITED WARRANTY

Audio Systems
• One (1) Year Carry-In Labor Warranty
• One (1) Year Carry-In Service Parts Warranty

* For purchases outside the U.S.A. and Canada, see applicable warranty from country of purchase.

Replacement Parts and Service Labor:

For one (1) year from the date of purchase an Authorized Service Center will replace any part found defective and will repair any product defect without charge to you for parts or labor.

Replacement parts installed during the warranty period are warranted only for the balance of the original warranty.

Who is protected? ... Where?

This warranty is extended to the original retail purchaser for products purchased and used in the U.S.A., Puerto Rico, the Virgin Islands and Canada. If you move within these areas an Authorized Service Center in your area will honor this warranty for the remainder of the original warranty period.

What the Purchaser Must Do:

Before delivering your unit for service, check your operating instruction booklet. A slight adjustment of the customer controls discussed in your instruction booklet may save you a service call.

Warranty Exclusions - Your Warranty Does Not Cover:

Labor charges for installation or set-up, adjustment of customer or preference controls and installation or repair of audio antenna systems outside the unit.

Product repair and/or part replacement because of mis-use, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.

Reception problems caused by signal conditions or antenna systems outside the unit.

A unit purchased, used or serviced outside the U.S.A., Puerto Rico, the Virgin Islands and Canada, or used for commercial or institutional purposes (included but not limited to products used for rental purposes).

Incidental or consequential damages resulting from the product or use of the product. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

IMPORTANT REMINDER:

Please fill out and mail your Warranty Registration Card promptly. It will be easier for us to notify you if it should ever be required. The return of the Warranty Registration Card is not a condition to Warranty Coverage.

| **For product purchased in the U.S.A., Puerto Rico, or the Virgin Islands**	**For product purchased in Canada**
How To Get Warranty Service:	**How To Get Warranty Service:**
To obtain warranty service you must deliver your unit, with evidence of the purchase date, to an Authorized Service Center (see enclosed listing) for repair if service is required during the warranty period. When repair is completed you must pick up the unit at the Service Center.	To obtain warranty service, the product must be delivered (carried-in) to a Philips Consumer Service Branch (see enclosed listing), Philips Self-Servicing Dealer or Authorized Service Depot.
In the U.S.A., Puerto Rico or the Virgin Islands, all implied warranties including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.	These warranties are given in lieu of all other warranties. No other guarantees or warranties are expressed or implied, including any implied warranties of merchantability or fitness for purpose. Philips shall not be liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of same.
This warranty gives you specific legal rights, and you may have other rights which vary from state to state.	**Philips Electronics Ltd.** **601 Milner Avenue** **Scarborough, Ontario, Canada M1B 1M8** ☎ **(416) 292-5161**
Philips Service Company - ☎ (615) 475-8869 **401 East Old Andrew Johnson Highway** **Jefferson City, Tennessee, USA 37760**	

Please write in your Model and Serial numbers below. The numbers are located on your unit. Keep this manual nearby for easy reference.

Model No. _____   Serial No. _____

EL 4553-1

91/8   15

CDC 745
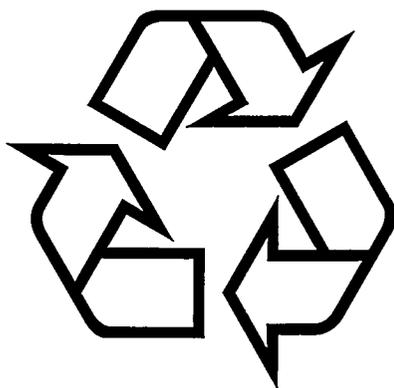
Philips Consumer Electronics Company

A Division of Philips Electronics North America Corporation